

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): A fuel cell system comprising:

a fuel cell having an anode, a cathode and an electrolyte film put therebetween;

a fuel supply unit supplying fuel to the anode; and

a gas supply unit having a pump, the pump giving negative pressure to the cathode so as to introduce gas containing oxidant to the cathode.

Claim 2 (Original): The fuel cell system of claim 1, wherein the pump gives negative pressure further to the anode so as to supply fuel to the anode.

Claim 3 (Original): The fuel cell system of claim 2, wherein the pump is further connected to the fuel supply unit so as to give positive pressure to the fuel supply unit and to supply fuel to the anode.

Claim 4 (Original): The fuel cell system of claim 1, wherein the pump is further connected to the fuel supply unit so as to give positive pressure to the fuel supply unit and to supply fuel to the anode.

Claim 5 (Original): A fuel cell system comprising:

a fuel cell having an anode, a cathode and an electrolyte film put therebetween;

a fuel supply unit supplying fuel to the anode;

a gas supply unit having a pump introducing gas containing oxidant to the cathode;

and

an exhaust flow path communicating the cathode and the fuel supply unit so that the pump gives positive pressure to the fuel supply unit through the exhaust flow path.

Claim 6 (Original): The fuel cell system of claim 5, wherein the pump is disposed downstream of the cathode.

Claim 7 (Original): The fuel cell system of claim 5, wherein the pump is disposed upstream of the cathode.

Claim 8 (Original): The fuel cell system of claim 5, wherein the fuel supply unit comprises a mixing buffer tank.

Claim 9 (Original): The fuel cell system of claim 8, wherein the mixing buffer tank is connected to the exhaust flow path so as to mix an exhaust gas with the fuel.

Claim 10 (Original): The fuel cell system of claim 5, further comprising a flow sensor detecting a flow rate of the fuel supplied to the anode and a controller controlling the positive pressure added to the fuel supply unit on the basis of the flow rate detected by the flow sensor.

Claim 11 (Original): The fuel cell system of claim 8, further comprising a flow sensor detecting a flow rate of the fuel supplied to the anode and a controller controlling pressure in the mixing buffer tank on the basis of the flow rate detected by the flow sensor.

Claim 12 (Original): The fuel cell system of claim 5, further comprising a pressure sensor detecting pressure of the fuel supplied to the anode and a controller controlling the positive pressure added to the fuel supply unit on the basis of the pressure detected by the pressure sensor.

Claim 13 (Original): The fuel cell system of claim 8, further comprising a pressure sensor detecting pressure of the fuel supplied to the anode and a controller controlling pressure in the mixing buffer tank on the basis of the pressure detected by the pressure sensor.

Claim 14 (Currently Amended): A fuel cell system comprising:
a fuel cell having an anode, a cathode and an electrolyte film put therebetween;
a fuel supply unit supplying fuel to the anode;
a gas supply unit introducing gas containing oxidant to the cathode;
an exhaust flow path from the anode, the cathode, or the anode and the cathode;
a first switching valve openable and closable of the exhaust flow path; and
a power switch switching power supply of the fuel cell,
wherein the first switching valve is switched along with the power switch.

Claim 15 (Original): The fuel cell system of claim 14, further comprising a tilt sensor detecting a tilt of the fuel cell, the first switching valve being closed when detecting the tilt.

Claim 16 (Original): A fuel cell system comprising:
a fuel cell having an anode, a cathode and an electrolyte film put therebetween;

a fuel supply unit supplying fuel to the anode;
a gas supply unit introducing gas containing oxidant to the cathode;
a second switching valve openable and closable of the fuel supply unit; and
a power switch switching power supply of the fuel cell,
wherein the second switching valve is switched along with the power switch.

Claim 17 (Original): The fuel cell system of claim 16, further comprising a tilt sensor detecting a tilt of the fuel cell, the second switching valve being closed when detecting the tilt.

Claim 18 (Currently Amended): A fuel cell system comprising:
a fuel cell having an anode, a cathode and an electrolyte film put therebetween;
a fuel supply unit supplying fuel to the anode;
a gas supply unit introducing gas containing oxidant to the cathode;
an exhaust flow path from the anode, the cathode, or the anode and the cathode;
a first switching valve openable and closable of the exhaust flow path;
a second switching valve openable and closable of the fuel supply unit; and
a power switch switching power supply of the fuel cell,
wherein at least one of the first switching valve and the second switching valve is switched along with the power switch.

Claim 19 (Original): The fuel cell system of claim 18, wherein both the first switching valve and the second switching valve are switched along with the power switch.

Serial No.: 10/668,161

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Claim 20 (Original): The fuel cell system of claim 18, further comprising a tilt sensor detecting a tilt of the fuel cell, at least one of the first switching valve and the second switching valve being closed when detecting the tilt.

Claim 21 (Original): The fuel cell system of claim 20, wherein both the first switching valve and the second switching valve are closed when the tilt sensor detects the tilt of the fuel cell.